Safety Attribute Inspection (SAI) Data Collection Tool
1.3.2 Maintenance / Inspection Schedule (AW)
Revision#:3 Revision Date:09/15/2009

ELEMENT SUMMARY INFORMATION

Scope of Element:

Purpose (operator's responsibility): To establish a method to perform routine maintenance and incorporate time intervals producing a Maintenance/Inspection Schedule that continually maintains the airworthiness of the aircraft.

Objective (FAA oversight responsibility): To determine if the operator's Maintenance/Inspection Schedule process:

- Meets all applicable requirements of Title 14 of the Code of the Federal Regulations (14 CFR) and FAA policies,
- Incorporates the safety attributes, and
- Identifies any shortfalls in the operator's Maintenance/Inspection Schedule process.

Specific Instructions:

The Maintenance Review Board Report (MRBR) and Maintenance Planning Document (MPD) for the pertinent aircraft should be used as a basis for reviewing an operator's initial program, as well as revisions to an existing program. Aircraft acquired by the operator, whether new, used, foreign, or domestically manufactured, must be evaluated to determine if the appropriate airworthiness certificate is valid as a result of maintenance, preventive maintenance, and alterations performed in accordance with parts 14 CFR parts 21, 43, and 91. Proper transitioning (bridging) of the previously accumulated times to the current operator's program is critical.
Once transitioned the operator must establish a schedule to perform specific routine maintenance and inspection tasks. The operator determines the maintenance schedule that meets their needs.
The methods, standards, and techniques for the accomplishment, recording and approval of routine tasks must be clearly stated in their procedures.
The operator must always measure the performance and effectiveness of the Maintenance/Inspection Schedule to determine when adjustments are necessary.

SUPPLEMENTAL INFORMATION

Regulatory Requirements:

D.072, Operations Specifications
D.074, Operations Specifications
D.075, Operations Specifications
D.077, Operations Specifications
D.078, Operations Specifications
D.079, Operations Specifications
D.080, Operations Specifications
D.082, Operations Specifications
D.087, Operations Specifications
D.088, Operations Specifications
D.089, Operations Specifications
43.13, Performance rules (general)
43.3, Persons authorized to perform maintenance, preventive maintenance, rebuilding, and

alterations
43.7, Persons authorized to approve aircraft, airframes, aircraft engines, propellers, appliances, or component parts for return to service after maintenance, preventive maintenance, rebuilding, or alteration
43.9, Content, form, and disposition of maintenance, preventive maintenance, rebuilding, and alteration records (except inspections performed in accordance with part 91, part 123, part 125, 135.411(a)(1), and 135.419 of this chapter)
91.421, Rebuilt engine maintenance records
119.43, Certificate holder's duty to maintain operations specifications.
119.49, Contents of operations specifications
119.51, Amending operations specifications
121.135, Manual contents
121.367, Maintenance, preventive maintenance, and alterations programs.
121.369, Manual requirements.
121.373, Continuing analysis and surveillance.
121.379, Authority to perform and approve maintenance, preventive maintenance, and alterations.
121.380, Maintenance recording requirements.
121.709, Airworthiness release or aircraft log entry.

Related CFRs & FAA Policy/Guidance:

Related CFRs:

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FAA Policy/Guidance:

FAA Order 8900.1, Volume 3, Chapter 43
FAA Order 8900.1, Volume 10, Chapter 6, Section 3
AC 120-16E, Air Carrier Maintenance Program
AC 120-79, Developing and Implementing a Continuous Analysis and Surveillance Program (CASS)

SAI SECTION 1 - PROCEDURES ATTRIBUTE	
Objective: The questions in this section of the SAI will help verify that the operator's documented procedures identify who, what, when, where, and how those procedures are accomplished. These procedures must allow all personnel to perform their duties and responsibilities with a high degree of safety. 14 CFR part 121.135(a)(1)	
Tasks	
	The inspector shall accomplish the following tasks:
1	Review the information in the Supplemental Information section of this SAI.
2	Review the duties and responsibilities for management and other personnel who accomplish the processes associated with this element.
3	Review the documentation of the processes associated with this element.

Questions		
1.1	Is the operator's maintenance/inspection time limits (schedule), accurately referenced in Operations Specifications? Updated: Rev # 3 on 09/15/2009 SRRs: D.072; 119.43 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
1.2	Does the operator's Maintenance/Inspection Schedule describe the standards for determining maintenance/inspection time limitations? **Note(s):** *To ensure proper maintenance, each inspection interval must be stated in terms of calendar times, cycles, and/or hours, as required.* *Prime factors considered for establishing inspection intervals are aircraft use, environmental conditions, and the type of operation. Examples include changes in temperature, frequency of landings and takeoffs, operation in areas of high industrial pollutants, and passenger or cargo operations.* Updated: Rev # 3 on 09/15/2009 SRRs: D.072(d); 119.49(a)(8); 121.135(b)(18) Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
1.3	Does the schedule identify each individual maintenance task and its associated time limit? **Note(s):** *The schedule must contain a method to identify the item to be maintained. (i.e. unique Identifier)* *To ensure proper maintenance, each maintenance/ inspection interval must be stated in terms of calendar times, cycles, and/or hours, as required.* *Parts or subassemblies of components that do not have specific time intervals shall be checked, inspected, and/or overhauled according to the same time*	☐ Yes ☐ No, Explain

	limits as its related component or within the time period indicated for the ATA chapter heading *Items without specific intervals shall be maintained in a continuous airworthy condition by periodic inspections, checks, service, repair, and/or preventive maintenance determined by the operator.* Updated: Rev # 3 on 09/15/2009 SRRs: D.072(d); D.072(e); D.072(f); 121.135(b)(18) Kind Of Question: Flag, Supplemental, Domestic	
1.4	Does the schedule describe how to perform each individual maintenance task? **Note(s):** *The procedures and standards for checks, service, repair, and/or preventive maintenance, checks or tests, shall be described in the operator's manual.* Updated: Rev # 3 on 09/15/2009 SRRs: D.072(c); 121.135(b)(17); 121.135(b)(18); 121.369(b) Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
1.5	Do procedures specify a method that meets the regulatory requirements for the performance and documentation of routine maintenance tasks? **Note(s):** *The operator must specify "what to do" and "how to do it". While not regulatory, Work Forms/Task Cards are a best practice means of complying with regulations for performance and recordkeeping of maintenance.* *Work Forms/Task Cards can be bundled into higher level checks or be specific to control a series of tasks (e.g. Airworthiness Directive actions, tire changes, surface control changes, landing gear changes, engine changes, component overhauls, operational system checks etc.)* *Work Forms/Task cards must fully incorporate all required tasks and verifications that ensure the desired result.* Updated: Rev # 3 on 09/15/2009 SRRs: 43.9; 91.421; 121.369; 121.380 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
1.6	Does the manual provide instructions and information necessary for the performance and documentation of airworthiness inspections? **Note(s):** *14 CFR part 121.135(b)(20) stipulates that each operator's manual must discuss airworthiness inspections, including instructions covering procedures, standards, responsibilities and authority of inspection personnel. The methods and procedures established by the operator's manual must be followed as prescribed by 14 CFR part 121.367. Items not designated "RII" will also be inspected according to the manual's instructions.* *Maintenance tasks may be performed concurrently with inspection tasks and may be included on the same work form. Completed work forms that include maintenance instructions provide a record of the accomplishment of these tasks and must be retained.* Updated: Rev # 3 on 09/15/2009	☐ Yes ☐ No, Explain

	SRRs: 43.9; 43.9; 121.135(b)(20); 121.369; 121.380; 121.709 Kind Of Question: Flag, Supplemental, Domestic	
1.7	Has the operator organized the maintenance tasks so that the appropriate level of maintenance is performed at the appropriate time intervals? **Note(s):** *Each level of inspection must be clearly defined in the CAMP. For example, a specific area of the aircraft may require only a visual inspection during pre-flight "A" and "B" checks, but will require a detailed X ray or Zyglo inspection of the same area for a "C" or "D" check.* Updated: Rev # 3 on 09/15/2009 SRRs: 43.13; 43.3; 119.49(b)(8); 121.135(b)(18) Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
1.8	Are the operator's arrangement of scheduled maintenance tasks consistent with the specified time intervals? **Note(s):** *Work Forms/Task Cards must be organized into groups appropriate for the type of check (e.g. AD inspections required every 3,000 hours should be included in the appropriate check.)* *Scheduled tasks include replacement of life-limited items and components requiring periodic overhaul, special nondestructive inspections (such as X rays), and checks or tests for on-condition items, lubrications, and weighing aircraft.* Updated: Rev # 3 on 09/15/2009 SRRs: D.072(e); 43.3(f); 43.7(e); 121.135(b)(18); 121.367(a); 121.369(b)(1); 121.379 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
1.9	Are the operator's maintenance scheduled work packages sufficiently comprehensive in scope and detail to ensure the appropriate airworthiness certificate remains valid and the aircraft remains airworthy? **Note(s):** *Although not required it should be recognized that OEM Instructions for Continued Airworthiness (ICAs) set the baseline for a regulatory review. Any significant deviations from these recommended programs should be justified by data that show they provide the same level of safety. Examples of OEM ICAs include:* • *Maintenance Review Board Report (MRBR),* • *Maintenance Planning Document (MPD), or* • *On-Aircraft Maintenance Planning (OAMP) document.* *If the aircraft was previously operated, verify proper transition (bridging) of the previously accumulated times to the current operator's baseline program. The Aircraft Configuration Control Document located in FAA Order 8900.1 Volume 10, Chapter 6, Section 3 may serve as a guide to determine if the maintenance schedule encompasses all equipment required for the aircraft to perform its intended operation.* Updated: Rev # 3 on 09/15/2009 SRRs: D.072(c); 121.367 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain

Related Design JTIs:

1. Verify Instructions for continued airworthiness from the airframe, engine, and if applicable propeller Type Certificate Data Sheets are incorporated into the maintenance schedule. (JTI ID: 160)

   Sources: FAA Order 8130.2A

2. Verify Instructions for continued airworthiness as a result of Airworthiness Directives (Airframe, Engines, Propellers, and Appliances) are incorporated into the maintenance schedule (JTI ID: 161)

   Sources: 121.380; 91.403

3. Verify Instructions for articles subject to time/cycle/life limits. (JTI ID: 162)

   Sources: 121.368; 121.380; FAA Order 8900.1, Volume 6, Chapter 2, Section 28, Monitor Continuous Airworthiness Maintenance Program/Revision; FAA Order 8900.1, Volume 3, Chapter 31, Section 5; FAA Order 8110.54, Instructions for Continued Airworthiness Responsibilities, Requirements, and Contents; AC 20-62D, Eligibility, Quality, and Identification of Aeronautical Replacement Parts; AC 20-114, Manufacturers Service Documents

4. Verify articles subject to time/cycle/life limits are tracked by nomenclature, part number, serial number, lot number, or via records the operator retains. (JTI ID: 163)

   Sources: 121.368; 121.380; 8900.1 Volume 6, Chapter 2, Section 28, Monitor Continuous Airworthiness Maintenance Program/Revision; 8900.1 Volume 3, Chapter 31, Section 5; FAA Order 8110.54, Instructions for Continued Airworthiness Responsibilities, Requirements, and Contents; AC 20-62D, Eligibility, Quality, and Identification of Aeronautical Replacement Parts; AC 20-114, Manufacturers Service Documents

5. Verify Instructions for Air Traffic Control (ATC) Transponder Test and Inspection. (JTI ID: 164)

   Sources: 121.345; 91.413

6. Verify Instructions for continued airworthiness for the pressure vessel of the aircraft. (JTI ID: 165)

   Sources: 43.Appendix A; 8900.1 Volume 6, Chapter 11, Section 14, Conducting Records Reviews and Aircraft Inspections Mandated by the Aging Airplane Rules for Parts 121, 129 and 135; 8900.1 Volume 6, Chapter 2, Section 28; FAA Order 8100.9A, DAS, DOA, and SFAR 36 Authorization Procedures; FAA Order 8300.13, Repair Assessment Program; AC 25.571-1C, Damage Tolerance and Fatigue Evaluation of Structure; AC 91-56B, Continuing Structural Integrity Program for Airplanes; Policy Statement (PS) ANM100 1989 00048, Policy Regarding Impact of Modifications and Repairs on the Damage Tolerance Characteristics of Transport Category Airplanes; PS ANM100 1988 00040, FAA Policy With Respect to Damage Tolerance of Engine Mounts; PS ANM100 1986 00055, Structural Integrity Limits in Primary Aircraft Structure; PS ANM100 1993 00047, Policy Regard Fail-Safe Features of Structures Designed to the Damage Tolerance Requirements of 25.571

7. Verify Instructions for continued airworthiness for Temporary Repairs. (JTI ID: 166)

   Sources: 43.13; 8900.1 Volume 3, Chapter 36, Review 14 CFR Part 121/135.411(A)(2) Engineering Change Authorization; Order 8300.13; AC 25-22, Certification of Transport Airplane Mechanical Systems; AC 120-73, Damage Tolerance Assessment of Repairs to Pressurized

		Fuselages	
	8.	Verify Instructions for continued airworthiness for all Supplemental Type Certificates. (JTI ID: 167) *Sources:* 121.367; 121.379; 121.380; 121.707; 91.403; 8900.1 Volume 6, Chapter 11, Section 2, Conduct a Detailed Process/Task Inspection; 8900.1 Volume 3, Chapter 36; 8900.1 Volume 4, Chapter 3, Section 1, Airplane Performance Computation Rules; 8900.1 Volume 4, Chapter 3, Section 3, Approval of Performance Data Sections of CFMs; FAA Order 8110.21, Supplemental Type Certificate (STC) Approvals, One Aircraft Only ; FAA Order 8110.37, Designated Engineering Representative Handbook (as revised); FAA Order 8110.49, Software Approval Guides ; Order 8110.54; Order 8130.2, as revised; AC 33.4-1, Instructions for Continued Airworthiness; AC 20-41A, Substitute Technical Standard Order (TSO) Aircraft Equipment; AC 25.571-1C; AC 43-210, Standardized Procedures for Requesting Approval of Data, Major Alterations, and Repairs; AC 120-73	
	9.	Verify Instructions for continued airworthiness for applicable Major Repairs and Alterations. (JTI ID: 168) *Sources:* 121.379; 121.380; 121.707; 121.709; 25.1529; 43.9; 43.Appendix A; AC 120-77, Maintenance and Alteration Data; 8900.1 Volume 6, Chapter 11, Section 2	
	10.	Verify Instructions for continued airworthiness for Digital Flight Data Recorder System (DFDRS) or Flight Data Recorder System (FDRS), as applicable. (JTI ID: 169) *Sources:* 121.343; 121.344; 121.344a; Part 121, appendix B1; Part 121, appendix B2; Part 121, appendix M; 8900.1 Volume 4, Chapter 14, Section 8, Monitor Flight Data Recorders; AC 20-141A	
	11.	Verify Instructions for continued airworthiness for Underwater Locator Beacons (ULB). (JTI ID: 170) *Sources:* 121.343; 121.359; 23.1457; 25.1457; 25.1459; 8900.1 Volume 4, Chapter 14, Section 8; 8900.1 Volume 4, Chapter 14, Section 9	
	12.	Verify that all Certification Maintenance Requirements (CMR) tasks were properly incorporated. (JTI ID: 171) *Sources:* 119.49; 121.367; 25.1529; 8900.1 Volume 3, Chapter 37, Evaluate a Part 121/135.411(a)(2) Certificate Holder's Short Term Escalation Procedures; 8900.1 Volume 3, Chapter 40, Approve a Maintenance Reliability Program for 121/135; 8900.1 Volume 6, Chapter 2, Section 37, Monitor Maintenance Aspects of Part 121 Extended Range Operations With Two Engine Aircraft (ETOPS); 8900.1 Volume 6, Chapter 2, Section 38, Evaluate a Part 121/135.411(a)(2) Operator Aircraft Storage Program;	
	13.	Verify Instructions for continued airworthiness for equipment required for the aircraft to comply with operating noise limits. (JTI ID: 172) *Sources:* 119.49; 121.367; 25.1529; 8900.1 Volume 3, Chapter 37; 8900.1 Volume 3, Chapter 40; 8900.1 Volume 6, Chapter 2, Section 37; 8900.1 Volume 6, Chapter 2, Section 38;	
	14.	Verify Instructions for continued airworthiness for VOR equipment of the aircraft is being maintained, checked, and inspected under an approved procedure, or has been operationally checked within the preceding 30 days and was found to be within the limits of the indicated permissible bearing error set forth in part 91, 91.171. (JTI ID: 173) *Sources:* 121.367; 91.171; 8900.1 Volume 6, Chapter 2, Section 28	
	15.	Verify Instructions for continued airworthiness for High Intensity Radiated Field (HIRF)/Lightning Protection Maintenance Program. (JTI	

		ID: 174) *Sources:* 121.367; 8900.1 Volume 6,Chapter 2, Section 28; AC 20-53B, Protection of Aircraft Fuel Systems Against Vapor Ignition Caused by Lightning; AC 20-136A, Protection of Aircraft Electrical/Electronic Systems Against the Indirect Effects of Lightning; AC 20-158, The Certification of Aircraft Electrical and Electronic Systems for Operation in the High-Intensity Radiated Fields (HIRF) Environment	
	16.	Verify Instructions for continued airworthiness for Anticollision Strobe Lights. (JTI ID: 175) *Sources:* 121.323; 121.367; AC 20-74, Aircraft Position and Anticollision Light Measures	
	17.	Verify Instructions for continued airworthiness in accordance with the maintenance program for Reduced Vertical Separation Minimums (RVSM). (JTI ID: 176) *Sources:* 91.180; 91.703; 91.706; B.046c.; Part 91, appendix G, 91.2, 91.3	
	18.	Verify Instructions for continued airworthiness for Corrosion Prevention Control Program (CPCP) per applicable Airworthiness Directive or Maintenance Review Board Requirements. (JTI ID: 177) *Sources:* 121.367; 39.11; FAA Order 8900.1, Volume 6, Chapter 2, Section 28 FAA Order 8300.12, Corrosion Prevention and Control Programs	
	19.	Verify Instructions for continued airworthiness for Structural Inspection Requirements including Damage Tolerance Rating (DTR) Evaluations. (JTI ID: 178) *Sources:* 121.1107(a); 8900.1 Volume 6, Chapter 2, Section 28; AC 25.571-1C; AC 120-73;	
	20.	Verify instructions for continued airworthiness for Engines, Auxiliary Power Unit (APU). (JTI ID: 179) *Sources:* AC 120-16E; 8900.1 Volume 6, Chapter 2, Section 28	
	21.	Verify Instructions for continued airworthiness in accordance with the maintenance program for Lower Landing Minimums. (JTI ID: 180) *Sources:* 121.567; 91.189; 8900.1 Volume 4, Chapter 2, Section 11, Maintenance/Inspection Programs for Low Approach Landing Minimums; 8900.1 Volume 3, Chapter 18, Section 5, Part C Operations Specifications Airplane Terminal Instrument Procedures and Airport Authorizations and Limitations; AC 120-29A; AC 120-28D	
	22.	Verify Instructions for continued airworthiness in accordance with the maintenance program for Electrical Wiring Interconnection Systems (EWIS) Maintenance Program. (JTI ID: 181)	
	23.	Verify Instructions for continued airworthiness in accordance with the maintenance program for Fuel Tank System Maintenance Program. (JTI ID: 182) *Sources:* 121.1113; SFAR 88, Fuel Tank System Fault Tolerance Evaluation Requirements	
	24.	Verify the Maintenance/Inspection Schedule includes Radome area. (JTI ID: 183)	
	25.	Verify the Maintenance/Inspection Schedule includes Pitot Air Probes. (JTI ID: 184) *Sources:* 121.323; 121.325; 121.341	
	26.	Verify the Maintenance/Inspection Schedule includes Static Pressure Ports. (JTI ID: 185) *Sources:* 121.313; 121.341; AC 120-73A	

	27.	Verify the Maintenance/Inspection Schedule includes external lights. (JTI ID: 186) *Sources:* 121.323; 121.341; AC 20-30B, Aircraft Position Light and Anticollision Lights Installation; AC 20-74; AC 43.13-2B, Acceptable Methods, Techniques, and Practices Aircraft Alterations	
	28.	Verify the Maintenance/Inspection Schedule includes antennas. (JTI ID: 187) *Sources:* 121.345; 121.367	
	29.	Verify the Maintenance/Inspection Schedule includes miscellaneous fuselage sensors (e.g., ice detection, total air temperature, vibration). (JTI ID: 188)	
	30.	Verify the Maintenance/Inspection Schedule includes static dischargers. (JTI ID: 189)	
	31.	Verify the Maintenance/Inspection Schedule includes the condition of the aircraft paint. (JTI ID: 190) *Sources:* 45.11; 45.13; AC 43-17, Methods, Techniques, and Practices Acceptable to the Administrator Governing the Installation, Removal, or Change of Identification Data and Identification Plates.	
	32.	Verify the Maintenance/Inspection Schedule includes the legibility of the displayed name of the certificate holder. (JTI ID: 191) *Sources:* 119.9	
	33.	Verify the Maintenance/Inspection Schedule includes legibility and installation of exterior; placards, markings, exit markings. (JTI ID: 192) *Sources:* 119.9	
	34.	Verify the Maintenance/Inspection Schedule includes the escape route slip resistant material. (JTI ID: 193) *Sources:* 121.310	
	35.	Verify the Maintenance/Inspection Schedule includes condition of windows. (JTI ID: 194) *Sources:* 121.313	
	36.	Verify the Maintenance/Inspection Schedule includes aircraft doors exterior. (JTI ID: 195) *Sources:* 121.310	
	37.	Verify the Maintenance/Inspection Schedule includes fuel tank impact resistant access doors. (JTI ID: 196) *Sources:* 121.316	
	38.	Verify the Maintenance/Inspection Schedule includes engines mounting structure and compartments for; cleanliness, general condition, loose/missing equipment, breakage, signs of fluid leaks, corrosion, proper installation, and other indications of defects. fire extinguishing system components and indicators. Guide vanes; and compressor and turbine blades for dents, erosion, nicks and other irregularities. Electronic engine control (EEC)/full authority digital engine control (FADEC) unit (if installed) for general condition, corrosion, and security. Electrical wiring for condition and security. (JTI ID: 197) *Sources:* AC 43-204; AC 43-206, Inspection, Prevention, and Repair of Corrosion on Avionics Equipment	
	39.	Verify the Maintenance/Inspection Schedule includes engine nacelles for general condition, dents, scratches, loose or missing fasteners, corrosion, erosion, acoustic panels; and prior to take off, cowling door security. (JTI ID: 198) *Sources:* AC 43-204; AC 43-206; Notice 8900.COWL	

	40.	Verify the Maintenance/Inspection Schedule includes continued airworthiness instructions for Thrust Reversers and Blocker Doors. (JTI ID: 199) *Sources:* AC 43-204	
	41.	Verify the Maintenance/Inspection Schedule includes continued airworthiness instructions for auxiliary power unit (APU). (JTI ID: 200) *Sources:* AC 43.13-1B, Acceptance Methods, Techniques, and Practices Aircraft Inspection and Repair	
	42.	Verify the Maintenance/Inspection Schedule includes identification of engines and APU. (JTI ID: 201) *Sources:* 45.11; 45.13; AC 45-3, Installation, Removal, or Change of Identification Data and Identification Plates on Aircraft engines; AC 43-17	
	43.	Verify the Maintenance/Inspection Schedule includes electronic engine controls including APU FADEC. (JTI ID: 202) *Sources:* AC 33.28-1, Compliance Criteria for 14 CFR 33.28, Aircraft Engines, Electrical and Electronic Engine Control Systems	
	44.	Verify the Maintenance/Inspection Schedule if applicable includes; Propellers, Propeller Blades, and Propeller Hubs. Propeller, propeller blade, and propeller hub is identified in accordance with the referenced guidance material. Condition and security of spinner, blades, hub, pitch locks (if installed or visible), anti/deicing slip ring, brushes and wiring (if installed), boots and electrical wiring, etc Composite blades for erosion, disbonding, delamination; and check the ultraviolet coating for condition. Leading edges for condition and attachment. Metal blades, check for general condition and leading edges for erosion, nicks and dents. (JTI ID: 203) *Sources:* AC 33.28-1; AC 43-204; AC 43-206	
	45.	Verify the Maintenance/Inspection Schedule includes the condition and installation of; Aircraft registration. Airworthiness Certificate. Federal Communications Commission (FCC) Radio Station License. (JTI ID: 204) *Sources:* 121.153; FCC, ICAO articles 29 and 30.	
	46.	Verify the Maintenance/Inspection Schedule includes the condition and installation of cabin interior placards and markings. (JTI ID: 205) *Sources:* 121.310; 121.317; 25.1541; 25.791	
	47.	Verify the Maintenance/Inspection Schedule includes the proper condition, security, and configuration of equipment and systems. (JTI ID: 206) *Sources:* 121.153; 121.367	
	48.	Verify the Maintenance/Inspection Schedule includes the Cockpit Voice Recorder (CVR) condition. (JTI ID: 207) *Sources:* 121.359; 25.1457; 8900.1 Volume 4, Chapter 14, Section 9, Monitor Cockpit Voice Recorders	
	49.	Verify the Maintenance/Inspection Schedule includes Compartment Interiors/Fire Resistance. (JTI ID: 208) *Sources:* 121.215; 121.312; 25.853	
	50.	Verify the Maintenance/Inspection Schedule includes Fuselage Interior (Cabin and Equipment Compartments). Inspect interior and compartments for cleanliness, general condition, loose and/or missing equipment, deterioration, leakage, corrosion, proper installations, and other indications of defects. Inspect for the proper application of corrosion prevention treatments in the forward and rear pressure	

		bulkhead, interior and accessible under floor areas. (JTI ID: 209) *Sources:* 8900.1 Volume 6, Chapter 2, Section 6 Conduct Spot Inspection of Operator's Aircraft	
	51.	Verify the Maintenance/Inspection Schedule includes Lavatory Placards (JTI ID: 210) *Sources:* 121.317; 8900.1 Volume 6, Chapter 2, Section 4	
	52.	Verify the Maintenance/Inspection Schedule includes Floor Surfaces. The floor surface of all areas, which are likely to become wet in service, must have slip resistant properties. (JTI ID: 211) *Sources:* 25.793	
	53.	If smoking is allowed, verify the Maintenance/Inspection Schedule includes ashtrays. (JTI ID: 212) *Sources:* 121.215; AC 25-17A	
	54.	Verify the Maintenance/Inspection Schedule includes waste receptacles. (JTI ID: 213) *Sources:* 121.215; AD 74-08-09 R2	
	55.	Verify the Maintenance/Inspection Schedule includes ventilation louvers between compartments. (JTI ID: 214) *Sources:* 121.219	
	56.	Verify the Maintenance/Inspection Schedule includes passenger cargo compartments. (JTI ID: 215) *Sources:* 121.285; 121.589; 8900.1 Volume 3, Chapter 33, Section 6, Operations Cabin Safety	
	57.	Verify the Maintenance/Inspection Schedule includes checking weight restriction placards and the doors for proper latching. (JTI ID: 216) *Sources:* 121.285; 25.561	
	58.	Verify the Maintenance/Inspection Schedule includes Galleys/Service Centers. (JTI ID: 217) *Sources:* 121.367; AC 25-17A	
	59.	Verify the Maintenance/Inspection Schedule includes Retention of Items of Mass in Passenger and Crew Compartments and Galleys. (JTI ID: 218) *Sources:* 121.576; 121.589; 8900.1 Volume 3, Chapter 33, Section 6	
	60.	If the aircraft is used for Extended Overwater Operations/Uninhabited Terrain Areas. Verify the Maintenance/Inspection Schedule includes the following for each item of emergency and flotation equipment: Is regularly inspected in accordance with inspection periods established in the OpSpecs to ensure its condition for continued serviceability and immediate readiness to perform its intended emergency purposes. Is readily accessible to the crew, and regarding equipment located in the passenger compartment, to passengers. Is clearly identified and marked to indicate its method of operation. Is stored in a compartment or container marked as to its contents. The compartment, container, or the item, must indicate date of last inspection. (JTI ID: 219) *Sources:* 121.253; 121.309; 121.339; 25.1415; AC 120-47, Survival Equipment for Use in Overwater Operations	
	61.	Verify the Maintenance/Inspection Schedule includes Life preservers and survivor locator light Life rafts and survivor locator lights Survival kits Pyrotechnic signaling device Survival Emergency Locator Transmitter (JTI ID: 220) *Sources:* 121.339; 121.353; AC 120-47	
	62.	Verify the Maintenance/Inspection Schedule includes Oxygen	

		Equipment and Supply (Drop-Down Oxygen Masks). (JTI ID: 221) *Sources:* 121.333; TSO-C64b; TSO-C89a	
	63.	Verify the Maintenance/Inspection Schedule includes to ensure that each item of emergency and flotation equipment: Is readily accessible to the crew, and regarding equipment located in the passenger compartment, to passengers. Is clearly identified and clearly marked to indicate its method of operation. Is in a compartment or container marked as to its contents; and the compartment, container, or the item, must indicate the date of last inspection. Meets preflight requirements per flight attendant manual and/or flight operations manual, as applicable. (JTI ID: 222) *Sources:* 121.309	
	64.	Verify the Maintenance/Inspection Schedule includes Portable Oxygen Bottles (POB). (JTI ID: 223) *Sources:* 121.329; 121.333; TSO-C64b	
	65.	Verify the Maintenance/Inspection Schedule includes Flotation Devices (non-extended overwater operations). (JTI ID: 224) *Sources:* 121.340; AC 20-56A, Marking of TSO C72b Individual Flotation Devices TSO-C72c	
	66.	Verify the Maintenance/Inspection Schedule includes the Hand Fire Extinguishers in the Passenger Compartment. (JTI ID: 225) *Sources:* 121.309; 25.851; 8900.1 Volume 6, Chapter 2, Section 4; AC 25-17A; TSO-C19b, Portable Water Solution Type Fire Extinguishers	
	67.	Verify the Maintenance/Inspection Schedule includes the Hand Fire Extinguishers in the Galley Compartments. (JTI ID: 226) *Sources:* 121.309; 25.851; 8900.1 Volume 6, Chapter 2, Section 4; AC 25-17A; TSO-C19c, Portable Water Solution Type Fire Extinguishers	
	68.	Verify the Maintenance/Inspection Schedule includes the megaphones. (JTI ID: 227) *Sources:* 121.309; 8900.1 Volume 6, Chapter 2, Section 4 TSO-C137a, Aircraft Portable Megaphones	
	69.	Verify the Maintenance/Inspection Schedule includes the Crewmember Interphone System. (JTI ID: 228) *Sources:* 121.319	
	70.	Verify the Maintenance/Inspection Schedule includes the Public Address System. (JTI ID: 229) *Sources:* 121.318	
	71.	Verify the Maintenance/Inspection Schedule includes the portable lights (flashlights). (JTI ID: 230) *Sources:* 121.310	
	72.	Verify the Maintenance/Inspection Schedule includes Protective Breathing Equipment (PBE). (JTI ID: 231) *Sources:* 121.337; 25.1439; 8900.1 Volume 6, Chapter 2, Section 4; TSO-C99A	
	73.	Verify the Maintenance/Inspection Schedule includes the First-Aid Kits. (JTI ID: 232) *Sources:* 121.803; Part 121, appendix A; 8900.1 Volume 6, Chapter 2, Section 4; AC 121-33B, Emergency Medical Equipment	
	74.	Verify the Maintenance/Inspection Schedule includes the Emergency Medical Kit. (JTI ID: 233) *Sources:* 121.803; Part 121, appendix A; 8900.1 Volume 6, Chapter 2, Section 4; AC 121-33B, Emergency Medical Equipment	

	75.	Verify the Maintenance/Inspection Schedule includes Automatic External Defibrillators (AED). (JTI ID: 234) *Sources:* AC-121 33B; TSO-C142a, Non-Rechargeable Lithium Cells and Batteries	
	76.	Verify the Maintenance/Inspection Schedule includes Passenger Seats, Berths, Safety Belts, and Harnesses. (JTI ID: 235) *Sources:* 121.311; 121.317; AC 25-17A; TSO-C22g; TSO-C39c; TSO-C114	
	77.	Verify the Maintenance/Inspection Schedule includes Passenger Safety Information Briefing Cards are conveniently located for each passenger. (JTI ID: 236) *Sources:* 121.571; 121.585; 8900.1 Volume 6, Chapter 2, Section 4;AC 121-24C, Passenger Safety Information Briefing and Briefing Cards	
	78.	Verify the Maintenance/Inspection Schedule includes Smoking/No Smoking Signs and Placards. (JTI ID: 237) *Sources:* 25.791	
	79.	Verify the Maintenance/Inspection Schedule includes Fasten Seat Belt signs and placards. (JTI ID: 238) *Sources:* 121.317; 25.791; AC 25-17A	
	80.	Verify the Maintenance/Inspection Schedule includes Doors (Other than Flight Deck). (JTI ID: 239) *Sources:* 121.313; AC 25-17A	
	81.	Verify the Maintenance/Inspection Schedule includes Door Placards. (JTI ID: 240) *Sources:* 121.313	
	82.	Verify the Maintenance/Inspection Schedule includes Emergency Exits. (JTI ID: 241) *Sources:* 121.310; 25.807; 25.809; 25.813; AC 25-17A; AC 20-60	
	83.	Verify the Maintenance/Inspection Schedule includes Emergency Exit markings and placards. (JTI ID: 242) *Sources:* 121.310; 25.811; AC 25-17A	
	84.	Verify the Maintenance/Inspection Schedule includes Emergency Lighting. (JTI ID: 243) *Sources:* 121.310; 25.812; AC 25.812-1A, Floor Proximity Emergency Escape Path Marking; AC 25.812-2, Floor Proximity Emergency Escape Path Marking Systems Incorporating Photoluminescent Elements	
	85.	Verify the Maintenance/Inspection Schedule includes Emergency Evacuation Assist Means. (JTI ID: 244) *Sources:* 121.310; 25.810; AC 25-17A	
	86.	Verify the Maintenance/Inspection Schedule includes Lavatory Fire Protection. (JTI ID: 245) *Sources:* 121.308	
	87.	If applicable, verify the Maintenance/Inspection Schedule includes Lower Deck Service Compartment (Including Galleys). (JTI ID: 246) *Sources:* 25.819; AC 25-17A	
	88.	If applicable, verify the Maintenance/Inspection Schedule includes Entertainment Systems. (JTI ID: 247) *Sources:* 25.1301	
	89.	Verify the Maintenance/Inspection Schedule includes Two-Way Radio Communications Systems. (JTI ID: 248)	

		Sources: 121.347; 121.349; 121.351; 121.99; 91.205	
	90.	Verify the Maintenance/Inspection Schedule includes Radio Navigation Systems. (JTI ID: 249) *Sources:* 121.347; 121.349; 121.351; 121.355; 91.205; Part 25, appendix G	
	91.	Verify the Maintenance/Inspection Schedule includes the Collision Avoidance System. (JTI ID: 250) *Sources:* 121.356	
	92.	Verify the Maintenance/Inspection Schedule includes the ATC Transponder. (JTI ID: 251) *Sources:* 121.345	
	93.	Verify the Maintenance/Inspection Schedule includes the Airborne Weather Radar System. (JTI ID: 252) *Sources:* 121.357	
	94.	Verify the Maintenance/Inspection Schedule includes the Low-Altitude Wind Shear System. (JTI ID: 253) *Sources:* 121.358	
	95.	Verify the Maintenance/Inspection Schedule includes the Ground Proximity Warning/Glide Slope Deviation Alerting System. (JTI ID: 254) *Sources:* 121.360	
	96.	Verify the Maintenance/Inspection Schedule includes the Terrain Awareness and Warning System (TAWS). (JTI ID: 255) *Sources:* 121.354	
	97.	Verify the Maintenance/Inspection Schedule includes the Electronic Flight Instrument System EFIS and Electronic Centralized Aircraft Monitoring. (JTI ID: 256) *Sources:* AC 25-11A, Electronic Flight Deck Displays	
	98.	Verify the Maintenance/Inspection Schedule includes the Global Positioning System (GPS). (JTI ID: 257) *Sources:* AC 20-138A, Airworthiness Approval of Global Navigation Satellite System (GNSS) Equipment	
	99.	Verify the Maintenance/Inspection Schedule includes the Radio Altimeter. (JTI ID: 258) *Sources:* AC 120-28D, Criteria for Approval of Category III Weather Minima for Takeoff, Landing and Rollout; AC 120-29A, Criteria for Approval of Category I and Category II Weather Minima for Approach	
	100.	Verify the Maintenance/Inspection Schedule includes the; Airspeed Indicating System, Sensitive Altimeter, Sweep-Second Hand Clock, Standby Horizon Additional Attitude Instrument, Gyroscopic Bank and Pitch Indicator (artificial horizon, attitude indicator, etc.), Free Air Temperature Indicator, Gyroscopic Rate of Turn Indicator, Vertical Speed (Rate of Climb) Indicator, Magnetic Compass. (JTI ID: 259) *Sources:* 121.303; 121.313; 121.323; 121.325; 91.205; 91.217(a); 91.219; TSO-C10b, Altimeter, Pressure Actuated, Sensitive Type; TSO-C88b, Automatic Pressure Altitude Digitizer Equipment	
	101.	Verify the Maintenance/Inspection Schedule includes the Speed Warning Device. (JTI ID: 260) *Sources:* 91.603	
	102.	Verify the Maintenance/Inspection Schedule includes the Automatic Pilot System. (JTI ID: 261) *Sources:* 121.579	

	103.	Verify the Maintenance/Inspection Schedule includes the Instrument Lighting. (JTI ID: 262) *Sources:* 121.323; 121.325	
	104.	Verify Maintenance/Inspection Schedule includes the Automatic Pilot System. (JTI ID: 263) *Sources:* 121.342	
	105.	Verify the Maintenance/Inspection Schedule includes the following power plant instruments; Fuel pressure indicator for each engine, Fuel pressure warning device for each engine, or a master warning device for all engines, Fuel flow indicator for each engine not equipped with an automatic altitude mixture control, Fuel quantity indicator for each fuel tank to be used, Oil pressure indicator for each engine, Oil quantity indicator for each oil tank, Oil temperature indicator for each engine, Oil pressure warning means for each engine, Tachometer for each engine, Augmentation liquid quantity indicator for each tank (if applicable), Detection of a fire, Reverse pitch indication for each reversible propeller (if applicable), Gas Temperature (e.g., exhaust gas temperature) indicator for each turbine engine (if applicable), Engine starter indication for each turbine engine-powered part 25 aircraft (if applicable), Engine starter indication for each turbine engine-powered part 25 aircraft (if applicable), Fuel filter bypass indication for each turbine engine (if applicable), Oil strainer or filter warning indication for each turbine engine (if no bypass installed) to warn flight crew of the occurrence of contamination of the strainer or filter before it reaches maximum capacity (if applicable), Means to indicate proper functioning of any heater(s) used to prevent ice clogging of fuel system components, Thrust (or directly related, e.g., N1) indicator for each turbojet or turbofan engine (if applicable), Thrust reversing indicator, Rotor system unbalance indicator for part 25 turbojet-powered aircraft (if applicable), Torque indication for each turbine propeller-powered aircraft engine (if applicable), Propeller position indication (if applicable), For part 23 turbine engine-powered aircraft, a fuel-low level warning means for any fuel tank that should not be depleted of fuel in normal operations (if applicable), Carburetor air temperature indicator, For air-cooled engines, a cylinder head temperature indicator for each engine (if applicable). (JTI ID: 264) *Sources:* 121.307; 91.205	
	106.	Verify the Maintenance/Inspection Schedule includes the Takeoff Warning System. (JTI ID: 265) *Sources:* 121.293	
	107.	Verify the Maintenance/Inspection Schedule includes the Landing Gear Aural Warning Device. (JTI ID: 266) *Sources:* 121.289	
	108.	Verify the Maintenance/Inspection Schedule includes the flight deck for cleanliness, poor condition, loose/missing equipment, deterioration, breakage, leakage, corrosion, proper installation, and other indications of defects. (JTI ID: 267) *Sources:* 121.153	
	109.	Verify the Maintenance/Inspection Schedule includes the Flight Deck Interiors/Fire Resistance. (JTI ID: 268) *Sources:* 121.215; 121.312	
	110.	Verify the Maintenance/Inspection Schedule includes the Flight Deck Emergency Equipment. (JTI ID: 269) *Sources:* 121.221; 121.309	

	111.	Verify the Maintenance/Inspection Schedule includes the Medical Kit (if located on flight deck). (JTI ID: 270) *Sources:* 121.803	
	112.	Verify the Maintenance/Inspection Schedule includes the Hand Fire Extinguishers for Flightcrew. (JTI ID: 271) *Sources:* 121.309; AC 20-42C, Hand Fire Extinguishers for Use in Aircraft	
	113.	Verify the Maintenance/Inspection Schedule includes the Protective Breathing Equipment (PBE). (JTI ID: 272) *Sources:* 121.337	
	114.	Verify the Maintenance/Inspection Schedule includes the Oxygen Equipment and Supply. (JTI ID: 273) *Sources:* 121.309; 121.329; 121.333; 121.574	
	115.	Verify the Maintenance/Inspection Schedule includes the Flight Deck Seats, Berths, Safety Belts, and Harnesses. (JTI ID: 274) *Sources:* 121.311	
	116.	Verify the Maintenance/Inspection Schedule includes the Observer Seat. (JTI ID: 275) *Sources:* 121.581	
	117.	Verify the Maintenance/Inspection Schedule includes the Flight Deck Placards. (JTI ID: 276) *Sources:* 121.310	
	118.	Verify the Maintenance/Inspection Schedule includes the Windshield Wiper. (JTI ID: 277) *Sources:* 121.313	
	119.	Verify the Maintenance/Inspection Schedule includes the Pilot Compartment Doors. (JTI ID: 278) *Sources:* 121.217; 121.219; 121.313	
	120.	Verify the Maintenance/Inspection Schedule includes the Portable Electronic Devices (PED) and Electronic Flight Bags (EFB) (if applicable). (JTI ID: 279) *Sources:* 121.306	
	121.	Verify the Maintenance/Inspection Schedule includes the Protective Fuses. (JTI ID: 280) *Sources:* 121.313; 91.205; AC 25-16, Electronic Fault and Fire Prevention and Protection; AC 25.1357-1A, Circuit Protective Devices	
	122.	Verify the Maintenance/Inspection Schedule includes the Crash Ax. (JTI ID: 281) *Sources:* 121.309	
	123.	Verify the Maintenance/Inspection Schedule includes the Electrical/Electronics (E&E) Compartment. (JTI ID: 282) *Sources:* 121.221; 8900.1 Volume 6, Chapter 2, Section 4	
	124.	Verify the Maintenance/Inspection Schedule includes the Cargo Compartment. (JTI ID: 283) *Sources:* 121.221; 121.314; 8900.1 Volume 6, Chapter 2, Section 4	
	125.	Verify the Maintenance/Inspection Schedule includes the means convenient to the crew for closing the flow of air to the cargo compartments when necessary. (JTI ID: 284) *Sources:* 121.217; 8900.1 Volume 6, Chapter 2, Section 4	
	126.	Verify the Maintenance/Inspection Schedule includes the Baggage and	

	Cargo Compartment Restraint System, and Cargo Barrier. (JTI ID: 285) *Sources:* 121.221; 121.285; 121.287 127. Verify the Maintenance/Inspection Schedule includes the equipment and systems required for each class of cargo compartment (i.e. Class A, B, C, D, E) (JTI ID: 286) *Sources:* 121.219; 121.221; 121.223; 121.285; 121.287; 121.309; 121.312; 121.314 128. For aircraft listed in 121.198 with increased fuel weights used in cargo operations, verify the Maintenance/Inspection Schedule includes special inspections issued by the manufacturer. (JTI ID: 287) *Sources:* 121.198 129. Verify the Maintenance/Inspection Schedule includes special inspections for aircraft listed in 121.198 with increased fuel weights used in cargo operations, prior to being used in passenger service. (JTI ID: 288) *Sources:* 121.198 130. Verify the Maintenance/Inspection Schedule includes (if applicable), the equipment and systems required for interiors for parabolic flight operations? (JTI ID: 289) *Sources:* A.362c.(4)	
1.10	When issuing Maintenance Contractual Arrangements for the aircraft as authorized by Operations Specifications paragraph D077, D078, D080 or D087, do procedures ensure that each component, system, and structure unique to the aircraft is accounted for in the contractor's maintenance schedule? Updated: Rev # 3 on 09/15/2009 SRRs: D.077; D.078; D.080a; D.080b; D.087; D.087; 121.369(b)(3) Kind Of Question: Flag, Supplemental, Domestic *Related Design JTIs:* 1. If the operator is authorized by operations specification D077, determine that all replacement components, other than those provided by the contractor which is common to the listed aircraft and the contractor's fleet, are evaluated by the contractor to ensure they meet the contractor's standards. (JTI ID: 290) *Sources:* D.077e 2. If the operator is authorized by operations specification D077, check that the operator includes a general policy for administration of these agreements and the control of maintenance interval limits. (JTI ID: 291) *Sources:* D.077f 3. If the operator is authorized by operations specification D077, check that the operator includes instructions and information that this agreement provides for the contractor to perform, including structural inspection, powerplant shop maintenance, and aircraft component shop maintenance in accordance with the contractor's methods, standards, and procedures. (JTI ID: 292) *Sources:* D.077g 4. If the operator is authorized by operations specification D077, check that the operator's manual contains instructions and information that this agreement provides that the contractor shall provide the certificate holder with a current copy of the publications and documents relating to the contractor's maintenance program as listed in that agreement and revisions. All maintenance performed by the operator shall be in	☐ Yes ☐ No, Explain ☐ Not Applicable

		accordance with those publications and documents. (JTI ID: 293) *Sources:* D.077h	
	5.	If the operator is authorized by operations specification D077, check that the operator includes a general policy that the authorization for the contractual maintenance arrangement shall be subject to re-evaluation by the FAA if the contractual arrangements are canceled or altered, the contractor should cease to provide the contracted service, or the contractor's certificate is amended, suspended, revoked, or otherwise terminated. (JTI ID: 294) *Sources:* D.077i	
	6.	If the certificate holder is authorized by operations specification D078, check that the operator provides instructions and information for how to identify the specific maintenance functions listed. (JTI ID: 295) *Sources:* D.078	
	7.	If the operator is authorized by operations specification D078, check that the operator provides instructions and information, that all maintenance accomplished under this authorization shall be in accordance with the contractor's approved maintenance program. (JTI ID: 296) *Sources:* D.078a	
	8.	If the certificate operator is authorized by operations specification D078, check that the operator provides instructions and information, that the contractor shall provide the Certificate Holder with a current copy of the publications and documents relating to the contractor's maintenance as listed in that agreement and revisions. (JTI ID: 297) *Sources:* D.078b	
	9.	If the operator is authorized by operations specification D078, check that the operator includes a general policy that Administration of this agreement and related procedures, including those pertaining to the control of maintenance interval limits, shall be included in the operator's system. (JTI ID: 298) *Sources:* D.078e	
	10.	If the operator is authorized by operations specification D080, check that the operator provides instructions and information, relating to the specific make, model, and series aircraft and lease agreements identified in operations specifications (JTI ID: 299) *Sources:* D.080a	
	11.	If the operator is authorized by operations specification D080, check that the operator provides a maintenance program with Instructions and procedures that are sufficiently comprehensive in scope and detail to fulfill its responsibility to maintain the aircraft in an airworthy condition. (JTI ID: 300) *Sources:* D.080b	
	12.	If the operator is authorized by operations specification D087, check that the operator provides a maintenance program with instructions and procedures that are sufficiently comprehensive in scope and detail to fulfill its responsibility to maintain the aircraft in an airworthy condition. (JTI ID: 301) *Sources:* D.087a	
	13.	If the operator is authorized by operations specification D087, check that the operator provides a maintenance program with instructions and procedures that are sufficiently comprehensive in scope and detail to fulfill its responsibility to maintain the aircraft in an airworthy condition.	

	(JTI ID: 302) *Sources:* D.087b 14. If the operator is authorized by operations specification D087, check that the operator provides instructions and information that differences and/or exceptions to the certificate holders program and the foreign registered maintenance programs. (JTI ID: 303) *Sources:* D.087c 15. If the operator is authorized by operations specification D087, check that the certificate holder provides instructions and information that all revisions to the maintenance programs identified must be approved on an individual basis by amending Operations Specification. (JTI ID: 304) *Sources:* D.087 16. If the operator is authorized by operations specification D087, check that the operator includes a general policy that the aircraft lease agreement identified in the table shall not be contrary to these operations specifications, the operator's maintenance program or the Federal Aviation Regulations. (JTI ID: 305) *Sources:* D.087 17. If the operator is authorized by operations specification D087, check that the operator provides instructions and information that all maintenance shall be recorded in accordance with the operator's approved program (supplemented as necessary to meet the foreign certifying country's continuing requirements to validate the foreign certificate of airworthiness, if applicable). (JTI ID: 306) *Sources:* D.087 18. If the operator is authorized by operations specification D087, check that the operator provides instructions and information that the Weight and balance control shall be accomplished in accordance with the operator's approved weight and balance program. (JTI ID: 307) *Sources:* D.087 19. If the operator is authorized by operations specification D087, check that the operator provides instructions and information that the differences and/or exceptions to the operator 's maintenance program for its foreign-registered aircraft are identified in the table (Table: ATA Chapter, Primary Maintenance Process, Inspection and Check Period, Other), and will be maintained in accordance with the operator's maintenance program. (JTI ID: 308) *Sources:* D.087h 20. If the operator is authorized by operations specification D087, check that the operator includes a general policy that in the event the aircraft lease agreement between Foreign Air Carrier and operator is terminated by either party, this authorization will terminate effective on the same day. (JTI ID: 309) *Sources:* D.087	
1.11	Do procedures describe a method for adjusting maintenance intervals in accordance with the applicable operations specification authorizations? **Note(s):** *It is the responsibility of the operator's CASS program to measure and adjust the maintenance schedule in order to obtain its optimum performance. This adjustment to the maintenance schedule can be done through an Authorized Reliability Program or an Operations Specifications amendment in accordance with 14 CFR part 119.51(a)(2).*	☐ Yes ☐ No, Explain

	Updated: Rev # 3 on 09/15/2009 SRRs: D.072; D.074; D.075; D.077; D.078; D.079; D.082; D.087; D.087; D.088; D.089; 119.49(b)(8); 119.51; 121.135(b)(18); 121.373 Kind Of Question: Flag, Supplemental, Domestic	
1.12	Do procedures address the intent of the guidance contained in FAA Order 8900.1, Volume 6, Chapter 2, Section 28 as it pertains to the Maintenance/Inspection Schedule? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain ☐ Not Applicable
1.13	Do procedures address the intent of the guidance contained in FAA Advisory Circular 120-16E? **Note(s):** *This design assessment focuses on the maintenace/inspection schedule and the continuing analysis of its performance and effectiveness. This is described in chapters 6 and 11 of this AC.* Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain ☐ Not Applicable
1.14	Does the manual include a requirement to comply with the Operations Specification related to this element including clearly identified excerpts, references, mandatory compliance requirements, or other information that will keep employees informed of the impact on their duties and responsibilities? Updated: Rev # 3 on 09/15/2009 SRRs: 119.43(b); 119.43(c); 121.135(a)(4) Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
1.15	Does the manual contain policies and procedures that include the duties and responsibilities for personnel involved with this element? **Note(s):** *This includes personnel, in addition to those required by 14 CFR part 119, who have authority and responsibility for processes covered by this element.* Updated: Rev # 3 on 09/15/2009 SRRs: 121.135(b)(2) Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
1.16	Does the manual refer to the appropriate sections of 14 CFR, and are the procedures consistent with the appropriate 14 CFR references or Operating Certificate concerning this element? **Note(s):** *Procedures for Flag and Supplemental operations must be consistent with applicable foreign regulations as well.* Updated: Rev # 3 on 09/15/2009 SRRs: 121.135(a)(4); 121.135(b)(3) Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
1.17	Does the manual contain general policies that require compliance with the SRRs?	☐ Yes ☐ No, Explain

	Updated: Rev # 3 on 09/15/2009 SRRs: 121.135(b)(1) Kind Of Question: Flag, Supplemental, Domestic	

SAI SECTION 1 - PROCEDURES ATTRIBUTE Drop-Down Menu	
1.	No policy, procedures, instructions, or information specified.
2.	Procedures or instructions and information do not identify who, what, when, where, how.
3.	Policy, procedures, or instructions and information do not comply with CFR.
4.	Policy, procedures, or instructions and information do not comply with FAA policy and guidance.
5.	Policy, procedures, or instructions and information do not comply with other documentation (e.g., manufacturer's data, Jeppesen Charts, etc.).
6.	Policy, procedures, or instructions and information unclear or incomplete.
7.	Documentation quality (e.g., unreadable or illegible).
8.	Policy, procedures, or instructions and information inconsistent across certificate holder manuals (FOM - Flight Operations Manual to GMM - General Maintenance Manual, etc.).
9.	Policy, procedures, or instructions and information inconsistent across media (e.g., paper, microfiche, electronic).
10.	Resource requirements incomplete (personnel, facilities, equipment, technical data).
11.	Other.

SAI SECTION 2 - CONTROLS ATTRIBUTE	
Objective: The questions in this section of the SAI will help determine if controls (i.e. checks and restraints) are designed into the processes associated with this element to ensure policies and procedures are followed to achieve desired results.	
Tasks	
	The inspector shall accomplish the following tasks:
1	Review the policies, procedures, instructions, and information to understand the controls associated with this element.

Questions		
2.1	Are controls in place to ensure that the records for the airframe, aircraft engine, propellers, appliances, and emergency equipment, and parts thereof, show that they were inspected in accordance with the operator's approved time limitations? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
2.2	Are controls in place to ensure that the appropriate maintenance is performed at the appropriate interval? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
2.3	Are controls in place to ensure that a determination of the effectiveness of the maintenance/ inspection schedule and that time limitations are revised as necessary? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
2.4	Are controls in place to ensure that work/task forms accurately describe the observed scheduled maintenance and/or routine task? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
2.5	Are controls in place to ensure that work/task forms are accurately and completely filled out as a record of the accomplishment of the tasks? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
2.6	Are controls in place to ensure that airworthiness inspections and Required Inspection Items are accurately identified on the operator's work/task forms and performed by the appropriate personnel and in accordance with the operator's program? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain

2.7	Are controls in place to ensure that the operator successfully accomplishes the scheduled checks or routine tasks through shift changes and work interruptions? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
2.8	Are controls in place to ensure that the performance of the operator's scheduled maintenance/inspection produce an airworthy product, regardless of who did the work? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
2.9	Are controls in place to ensure that the performance of an operator's routine maintenance/inspection task (e.g. airworthiness directive action, tire change, engine change, component overhaul); produce an airworthy product, regardless of who did the work? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
2.10	Are controls in place to ensure that in-service aircraft are airworthy? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain

SAI SECTION 2 - CONTROLS ATTRIBUTE Drop-Down Menu	
1.	No controls specified.
2.	Documentation for the controls do not identify who, what, when, where, how.
3.	Controls incomplete.
4.	Controls could be circumvented.
5.	Controls could be unenforceable.
6.	Resource requirements incomplete (personnel, facilities, equipment, technical data).
7.	Other.

SAI SECTION 3 - PROCESS MEASUREMENT ATTRIBUTE	
Objective: Process measurements ensure the operator uses an internal evaluation function to detect, identify, and eliminate or control hazards and the associated risk. For airworthiness elements this is a required function of operator's Continuing Analysis and Surveillance System (CASS), required by 14 CFR part 121.373. The director of safety and the quality assurance department often work together to accomplish this function for the operator. Negative findings could require amendments to the safety/internal evaluation program or CASS audit forms or checklists.	
Tasks	
	The inspector shall accomplish the following tasks:
1	Review the control questions in Section 2 of this SAI.
2	Review the operator's policies, procedures, instructions, and information to gain an understanding of the process measurements accomplished for this element.

Questions		
3.1	Are there process measurements that evaluate whether the operator's policies, procedures, and controls are achieving the desired results? **Note(s):** *Inspectors should refer to the controls in section 2 of this SAI for possible process measurements for this element.* *Persons engaged in this process should have a method for identifying undesired results.* Updated: Rev # 3 on 09/15/2009 SRRs: 121.373 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
3.2	Do the operator's process measurements assess the performance of the processes associated with this element? **Note(s):** *Verify audits exist to measure this elements performance.* *Verify audits are scheduled for this element.* *Verify audits ensure everyone, including all outsource providers; comply with the operator's program, manual and all applicable regulations and statutes.* Updated: Rev # 3 on 09/15/2009 SRRs: 121.373 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
3.3	Does the operator's program require the documentation of process measurement results? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain

3.4	Does the operator's program describe how the process measurement results *are* used to improve the ability to achieve the desired results? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
3.5	Does the organization that conducts the process measurements have direct access to the person with responsibility for this element? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain

SAI SECTION 3 - PROCESS MEASUREMENT ATTRIBUTE Drop-Down Menu	
1.	No process measurements specified.
2.	Documentation for the process measurements does not identify (who, what, when, where, how).
3.	Inability to identify negative findings.
4.	No provisions for implementing corrective actions.
5.	Ineffective follow-up to determine effectiveness of corrective actions.
6.	Resources requirements (personnel, facilities, equipment, technical data).
7.	Other.

SAI SECTION 4 - INTERFACES ATTRIBUTE	
Objective: Data collected in this section helps determine if the operator manages the interfaces (i.e. interactions) associated with this element. Interfaces occur in a procedure where the responsibility for accomplishing work is transferred from one person, work group, or organization to another. Procedures must be detailed enough to ensure the smooth transfer of work and information.	
Tasks	
	The inspector shall accomplish the following tasks:
1	Review interfaces associated with the processes for this element.

Questions		
4.1	Where interfaces exist in this element, are the procedures written in enough detail to preclude a breakdown or discontinuity in the activity? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain

SAI SECTION 4 - INTERFACES ATTRIBUTE Drop-Down Menu	
1.	No interfaces specified.
2.	The following interfaces not identified within the certificate holder's manual system:
3.	Interfaces listed are inaccurate.
4.	Specific location of interfaces not identified within the manual system.
5.	Other

SAI SECTION 5 - MANAGEMENT RESPONSIBILITY & AUTHORITY ATTRIBUTE
Objective: Data from questions in this section will help to determine if there is an identifiable, qualified (when required by CFR), and knowledgeable person who is: • Responsible for the process, • Answerable for the quality of the process, and • Has the authority to establish and modify the process.

Tasks	
	The inspector shall accomplish the following tasks:
1	Identify the person(s) who has overall responsibility for this element.
2	Identify the person(s) who has the authority to revise the procedures associated with this element.
3	Review the duties and responsibilities of the above person(s).
4	Review the appropriate organizational chart.

Questions		
5.1	Is an individual(s) identified who is responsible for the quality of the procedures associated with this element? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
5.2	Is an individual(s) identified who has the authority to establish and modify the policies, procedures, instructions, and information associated with this element? Updated: Rev # 3 on 09/15/2009 Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
5.3	Are duties and responsibilities documented for those who manage the procedures associated with this element? Updated: Rev # 3 on 09/15/2009 SRRs: 121.135(b)(2) Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain
5.4	Does the operator document the procedures for delegation of authority for this element? Updated: Rev # 3 on 09/15/2009 SRRs: 121.135(a)(1) Kind Of Question: Flag, Supplemental, Domestic	☐ Yes ☐ No, Explain

SAI SECTION 5 - MANAGEMENT RESPONSIBILITY & AUTHORITY ATTRIBUTE **Drop-Down Menu**
1. Not documented.

2.	Documentation unclear.
3.	Documentation incomplete.
4.	Other.